

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 7,545,765 B2

APPLICATION NO. : 10/729,846

ISSUE DATE : June 9, 2009

INVENTOR(S) : Larsson, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 2, Line 55, delete "die" and insert - the - -, therefore.

In Column 4, Line 35, delete "weights)" and insert - - weights, - -, therefore.

In Column 5, Line 54, delete "arc" and insert - - arc - -, therefore.

In Column 6, Line 21, delete "delay," and insert - - delay; - -, therefore.

In Column 6, Line 34, delete "a" before "Whenever".

In Column 6, Line 37, delete "a" before "Reduced".

In Column 8, Line 6, delete "cach" and insert - - each - -, therefore.

In Column 8, Line 44, delete "please." and insert - - phase. - -, therefore.

In Column 9, Lines 44-54, delete "The rate may be an explicit value.....set of sub-carriers for a user." and insert the same in Line 43, after "the rate instead." as a continuation of the paragraph.

In Column 10, Line 37, delete "arc" and insert - - are - -, therefore.

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In Column 11, Line 16, delete "weights" and insert -- weights. --, therefor.

In Column 13, Line 13, delete " ϕ_i " and insert -- ϕ_i --, therefor.

In Column 13, Line 18, in Equation, delete " $\arg_{J_i, \Phi_i, \Psi} \left\{ \text{opt} \{f\} \right\}$ " and

insert -- $\arg_{J_i, \Phi_i, \Psi} \left\{ \text{opt} \{f\} \right\}$ --, therefor.

In Column 13, Line 27, in Equation, delete " $\arg_{J_i, \Phi_i, \Psi} \left\{ \text{opt} \{f\} \right\}$ " and

insert -- $\arg_{J_i, \Phi_i, \Psi} \left\{ \text{opt} \{f\} \right\}$ --, therefor.

In Column 13, Line 34, in Equation, delete " $\arg_{J_i, \Phi_i, \Psi} \left\{ \text{opt} \{f\} \right\}$ " and insert -- $\arg_{J_i, \Phi_i, \Psi} \left\{ \text{opt} \{f\} \right\}$ --, therefor.

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In Column 13, Line 43, in Equation, delete $\left\{ \begin{matrix} opt \\ J_i, \Phi_i, \Psi \end{matrix} \{f\} \right\}$ and
insert $\left\{ \begin{matrix} opt \\ J_i, \Phi_i, \Psi \end{matrix} \{f\} \right\}$ --, therefor.

In Column 13, Line 54, delete $C^{(\Phi_i)}$ and insert $- C_i^{(\Phi_i)}$ --, therefor.

In Column 13, Line 55, delete $\Phi_i \in \Phi$ and insert $- \Phi_i \in \Phi_i$ --, therefor.

In Column 14, Line 12, delete "executed" and insert -- executed. --, therefor.

In Column 15, Line 55, in Equation, delete $Z = R \cdot B \cdot l_{g2} \left(1 + \frac{P \cdot Const}{K^{\alpha} \cdot N} \right)$ and

insert $- Z = R \cdot B \cdot l_{g2} \left(1 + \frac{P \cdot Const}{R^{\alpha} \cdot N} \right)$ --, therefor.

In Column 15, Line 59, delete "ais" and insert $- \alpha$ is --, therefor.

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In Column 16, Line 64, delete "fill" and insert - - full - -, therefore.

In Column 17, Line 10, delete "die" and insert - - the - -, therefore.

In Column 17, Line 11, delete "protocol," and insert - - protocol - -, therefore.

In Column 17, Line 16, delete "ti," and insert - - t_i - -, therefore.

In Column 17, Line 50, delete "Unit" and insert - - unit - -, therefore.

In Column 18, Line 30, delete "die" and insert - - the - -, therefore.

In Column 18, Line 63, delete "die" and insert - - the - -, therefore.

In Column 18, Line 67, delete "it" and insert - - is - -, therefore.

In Column 19, Line 44, delete "Tile" and insert - - The - -, therefore.

In Column 21, Line 4, delete "node" and insert - - node. - -, therefore.

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In Column 22, Lines 5-11, delete "Yet, in reference [8], anopportunistic link adaptation." and insert the same in Line 3, after "transmission." as a continuation of the paragraph.

In Column 22, Line 66, delete "SNR_kdefined" and insert - - SNR_k defined - -, therefor.

In Column 23, Line 30, delete "IEEE," and insert - - IEEE - -, therefor.

In Column 24, Line 49, in Claim 9, delete "farther" and insert - - further - -, therefor.

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